

# Electro-Voice®

ELECTRO-VOICE, INC.  
BUCHANAN, MICHIGAN

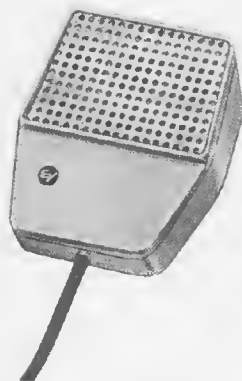
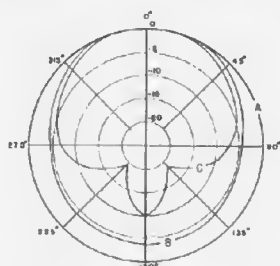


Fig. 1 — Model 912 Microphone



A—500 cps B—1500 cps C—4000 cps

Fig. 2 — Polar Response

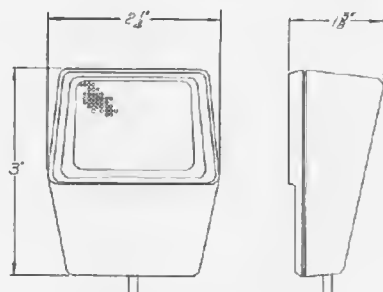


Fig. 3 — Dimensions

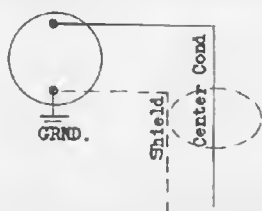


Fig. 4 — Wiring Diagram

## Specifications

### Model 912 Microphone

The Electro-Voice Model 912 Microphone is designed for use in home recording, small public address systems and amateur radio applications. It employs a crystal element.

The Model 912 is light-weight and small in size. Although designed specifically for hand-held use, it may be used on a table without a stand.

## SPECIFICATIONS

**Type:** Crystal

**Frequency Response:** 60 to 7000 cps.

**Impedance:** High impedance. Can be used with any standard amplifier employing high impedance input. It is recommended that all crystal microphones be fed into the grid of the first tube across a resistance of no less than .5 megohm.

**Output Level:** -50 db (0 db = 1 volt/dyne/cm<sup>2</sup>); RETMA sensitivity rating, -150 db

**Polar Pattern:** Nondirectional becoming directional at high frequencies. See fig. 2.

**Case:** Gray Styron

**Dimensions:** 2 1/4 in. wide x 1 3/8 in. deep x 3 in. high. See fig. 3.

**Net Weight:** 4 oz with cable

**Cable:** 5-ft, single-conductor, shielded, cotton jacketed.

**Temperature:** Crystal microphones should not be exposed to temperature higher than 112° F. Avoid direct sunlight, closed automobiles, or show windows in hot weather.

**Cable Loss:**

Cable Length In Feet	DB Loss In Level
20	.8
40	1.4
60	2.0
100	3.2
150	4.4
200	5.6

**Warranty:** The Electro-Voice Model 912 Microphone is guaranteed against defects in workmanship and material.

